

Title (en)

MOTION DETECTION VIA A BLUETOOTH LOW ENERGY SCAN

Title (de)

BEWEGUNGSERKENNUNG ÜBER BLUETOOTH-NIEDERENERGIEABTASTUNG

Title (fr)

DÉTECTION DE MOUVEMENT PAR L'INTERMÉDIAIRE D'UN BALAYAGE À FAIBLE ÉNERGIE BLUETOOTH

Publication

EP 3167666 A4 20180307 (EN)

Application

EP 15819725 A 20150708

Priority

- US 201414328005 A 20140710
- US 2015039557 W 20150708

Abstract (en)

[origin: US9179254B1] An example method for providing motion detection via a Bluetooth low energy scan is disclosed. In particular, the method includes performing a scan via a Bluetooth unit of a computing device. Further, the method includes receiving one or more advertisement packets via the Bluetooth unit in response to the performed scan. The one or more advertisement packets may be associated with a respective Bluetooth device. Yet further, the method includes determining if a location of the Bluetooth unit has changed based on received one or more advertisement packets. The determining includes comparing the received one or more advertisement packets with a set of one or more reference advertisement packets. In addition, the method includes enabling an application processing unit in response to determining the Bluetooth unit has changed location. The application processing unit may be configured to determine the location of the Bluetooth unit.

IPC 8 full level

H04W 4/80 (2018.01); **H04W 64/00** (2009.01); **H04W 4/02** (2018.01); **H04W 88/02** (2009.01); **H04W 4/21** (2018.01)

CPC (source: EP KR US)

H04W 4/02 (2013.01 - EP); **H04W 4/029** (2018.01 - KR); **H04W 4/80** (2018.01 - EP KR US); **H04W 52/0225** (2013.01 - KR); **H04W 64/00** (2013.01 - KR); **H04W 4/21** (2018.01 - EP US)

Citation (search report)

- [Y] US 2011244798 A1 20111006 - DAIGLE MARK R [US], et al
- [Y] US 2013165044 A1 20130627 - XIE GUOXIN [US], et al
- [Y] US 2014087752 A1 20140327 - ZHU JINDAN [US], et al
- [Y] US 8560229 B1 20131015 - PARK TIMOTHY FULTON [US], et al
- See references of WO 2016007627A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 9179254 B1 20151103; AU 2015287904 A1 20161117; AU 2015287904 B2 20180705; CN 106664678 A 20170510; CN 106664678 B 20200505; EP 3167666 A1 20170517; EP 3167666 A4 20180307; JP 2017526035 A 20170907; JP 6359126 B2 20180718; KR 101795993 B1 20171108; KR 20170018018 A 20170215; US 2016021499 A1 20160121; US 9686643 B2 20170620; WO 2016007627 A1 20160114

DOCDB simple family (application)

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